



**City of Santa Clara
Building Inspection Division**

1500 Warburton Avenue
Santa Clara, CA 95050
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RESIDENTIAL RE-ROOF NAIL INSPECTIONS

October 15, 2004

City of Santa Clara
Building Inspection Division
1500 Warburton Avenue
Santa Clara, CA 95050

Inspection Division: (408) 615-2440
Permit Center: (408) 615-2420
Automated Inspection System: (408) 615-2400
Fax: (408) 241-3823

RESIDENTIAL RE-ROOF NAIL INSPECTIONS

To schedule an inspection: Call 615-2400 before 4:00 pm on the day prior to the day you wish the inspection to be conducted. Enter 116# on the automated system to request the sheathing nailing (roof nailing) inspection.

A re-roofing permit is required when at least one solid sheet of new sheathing (32 sq. ft.) is to be installed in one place on the roof. A permit is not required when no new sheathing is being installed.

Two inspections are required: (Nailing Inspection & Final Inspection.)

Nail Inspection: **Plan ahead for this inspection to take place on the day the plywood or OSB sheathing is to be installed.** At least 50% of the plywood or OSB needs to be installed for this inspection. Do not install paper or shingles prior to this inspection. Cutting back paper to inspect covered plywood or OSB underneath is not a good practice.

Plywood or OSB sheathing shall be installed in the following manner.

1. Leave at least 1 /8 inch space at all panel edge joints.
2. Leave at least 1 inch space around all B vents. (Vents subjected to heat.)
3. Nail or staple the plywood to the rafters, or ceiling joists using 8d nails or 1.5" (minimum length) staples at 6 inches on center.
4. Horizontal edges of plywood which fail to fall on solid backing (skip sheathing) must be installed using one of the following three methods:
 - a. H- clips (within 6 inches of each corner and no more than 2 ft. apart) or,
 - b. Supported by solid backing wood strips placed underneath the plywood or OSB and between the existing skip sheathing or;
 - c. Supported by spacing blocks the same thickness as the skip sheathing and placed under the plywood or OSB at each rafter.
5. Plywood or OSB shall have a minimum dimension of one ft vertical edge by two ft.
6. Provide for adequate roof ventilation as required by code.

Final Inspection: Call **615-2400** (Enter **599#** when using the automated system) to schedule a final inspection after all work has been completed and all construction debris removed. **Customer must provide a ladder that allows roof access for the inspection.** Post the permit in a conspicuous place for the Inspector to sign.